

Docket No.: 50389-058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Customer Number: 20277

Natsuo TATSUMI, et al.

Confirmation Number: Not yet assigned

Application No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: March 03, 2005

Examiner: Not yet assigned

For: LOGICAL OPERATION ELEMENT EMPLOYING A FIELD EMISSION TYPE MICROFABRICATED ELECTRON EMITTER AND LOGICAL OPERATION

CIRCUIT

INFORMATION DISCLOSURE STATEMENT

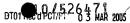
Honorable Commissioner for Patents and Trademarks Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. and copies of the references cited were transmitted by WIPO and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is



believed that Applicants have met all requirements regarding duty of disclosure under 37

CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

A copy of the foreign search report is attached for the Examiner's information.

Please note this is a PCT application in the entry of the National Phase in the U.S.

However, to ensure that these references are available to the Examiner, we are providing

copies of these references herewith. Since the Search Report was from the U.S. JPO or EPO

search authorities, copies of these references should have been supplied to the USPTO under

the trilateral agreement and are believed to be in the file of the above identified application

and readily available to the Examiner.

Respectfully submitted,

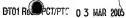
McDERMOTT WILL & EMERY LLP

Registration No. 26,106

600 13th Street, N.W. Washington, DC 20005-3096 Phone: 202,756,8000 AJS:blg Facsimile: 202.756.8087

Date: March 3, 2005

Please recognize our Customer No. 20277 as our correspondence address.



SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION					ATTY, DOCKET NO. 50389-058		SERIAL NO. Not yet assigned 10/526471			
					APPLICANT Natsuo TATSUMI, et al.					
(PTO-1449)					FILING DATE GROUP March 03, 2005 Not yet:			assigned 2821		
U.S. PATENT DOCUMENTS										
EXAMINER'S INITIALS	NO.	Document Number Number-Kind Codez (Fknown)		Publication Date MM-DD-YYYY	Name of Patentee or Appli Document	icant of Cited		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		ŪS								
		US					├			
		US								
		US	· · · · · · · · · · · · · · · · · · ·		-		+-			
		US	 							
		US								
		US								
		US	 	FOOTION DA	TENT DOCUMENTS					
FOREIGN PATENT DOCUMENTS EXAMINER'S Foreign Patent Document Publication Date Name of Patentee or Pages, Columns, Lines Translation									ation	
INITIALS	CITE NO.	Country Codes -Number «-Kind Codes (if known)		MM-DD-YYYY	Applicant of Cited Document	Where Relevant Figures Appear		Yes	No	
/TV/		JP 11-329263		11-30-1999	AOKI TAKESHI			JAPAN (w/English Abstract)		
/TV/		JP 7-181920		01-12-2991	FUTABA CORP			JAPAN (w/English Abstract)		
/TV/		JP 2001-7696		01-12-2001	HITACHI LTD			JAPAN (w/English Abstract)		
/TV/			JP 5-22119	01-29-1993	NIPPON DENSO CO LTD			JAPAN (w/English Abstract)		
	L	Ц	OTHERA	PT (Including & atta	Title Date Pertinent Pages 5	l l		L		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) EXAMINER'S Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,										
INITIALS	CITE NO.	Journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.								
/TV/		C.A. SPINDT, et al. "Field-emitter-array development for microwave applications", Journal of Vacuum Science and Technology B, 14(3), pp. 1986-1989 (May/June 1996)								
/TV/		C.E. HOLLAND, et al. "A Study of Field Emission Microtriodes", IEEE Transactions on Electron Devices, Vol. 38, No. 10 (October 1991)								
									-	
EXAMINER DATE CONSIDERED									1	